

Department Exploratory Research
Subject Crime Mapping #1
Name Miguel Augustin
Address 9620 Medical Center Dr
Rockville, MD 20850

National Brand

Computation Notebook

11 3/4" x 9 1/4", 4 x 4 Quad., 75 Sheets

43-648



0 73333 43648 8



Office Products
Chicopee, MA 01022

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Ruben EXHIBIT #104

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Department Exploratory Research

Subject Cave Mapping #1

Name Micah Augustin

Address 9620 Medical Center Dr.
Rockville, MD 20850

National Brand

Computation Notebook

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Ruben EXHIBIT 2104
Ruben v. Wiley et al.
Interference No. 105,077
RX 2104

11-30-95 Thursday 30th Nov '95

Nick Translation XXV

			Conc.	Vol.	
* LPL	# 276	HMSCL 84	0.3 μ g/ λ	1.9 μ l	} membrane adhesive for PS9-2
MSR	# 277	H'SRAV 71	0.5 μ g/ λ	1.0 μ l	
NF-L	# 278	HKB1F 3A	0.6 μ g/ λ	1.0 μ l	
	# 279	H.T.P.A.N.085-04	0.83 μ g/ λ	0.7 μ l	stain. for high
Left	# 280	H.C.O.A.S.17	1 μ g/ λ	0.5 μ l	don't support. for 4
	# 242	H.P.F.C.A.19	0.5 μ g/ λ	1 μ l	- Control NT.

Both Dig/Bio Labels - New EN Mix of 1/25 and new Bio 1/21.
2 hrs @ Cold Room - Added only 2.5 μ l of ss DNA (new frozen stock).
and cold 100% EtOH

CHE-II Hybridisation XXVI * good signals -

Slide #1 L - 276 D + 242 B * (10 μ l of NT 11/30 and 10 μ l NT 8/24)
R - 242 D + 276 B

Slide #2 L - 277 D + 242 B *
R - 242 D + 277 B

Slide #3 L - 278 D + 242 B *
R - 242 D + 278 B

Slide #4 L - 279 D + 280 B * checked cu " 12/28
R - 280 D + 279 B * 280? 79? no signal
Probe tested for 1 hr @ low T° in speed vac. rat NT.

Slide #5 L - 111759 - BM.18 ab1/bcr (11-27-95) } Smt each
R - 9 clark sat / ab1 } @ 72°C
1 min

Slide #6 L - 111393 - BM. (8-18-94) ab1/bcr. } Smt each
R - 9 clark sat / ab1 }

Chrom. Denaturation T° - 68°C \approx 2 min (good signals for all probes)
Old Hyb. buffer of Sept 95 - filtered
Detection: Dig/Rhodamine regular
Dapi CS Slide #1 (ONCOR stain) & contain

Slide #4 (ONCOR) lower background
Review: background & ? less of L-RNA?

12-05-95 Tuesday 12-05-95

Steve-Fas-Liga

279. PICS - HTPAN 08504

Ky XXVI slide

2808-75 #4 L-279

62X 91.8	drop 001	rgb002	280834
61.6X 92.6	" 002	" 003	2808
62.2X 92.3	" 003	" 004	"
* 4 61.7X 91.3	" 004	" 005	2-98 57
* 8 61X 93.8	" 005	" 008	2-818

Gene Name: FAs-Ligand HTPAN 08504.

Scientist: Steve Ruben.

Probe number: # 279.

Probe type: cDNA.

Approx. # hybridized metas analyzed by eye: 5

Hybridization efficiency by tally: Grad - HRB chr. show
by estimate: location to be 9.25 but
as meta was lower in 27

No. chromosomes analyzed for flpter value: Dr. Finner call -
flpter value:
variation:

No. chromosomes analyzed by post g-band alignments: 0
by flourescent band pics: 10

band position: 3925-27
confidence level: Very High.
good images for figure 5, 6.

nm
12/05/95



3

In 12-05-95
12-05-95

11/2 type
5/4 cl

good 23-4651

10 days images
3925-27 (high call)